

SUBJECT: SOIL EROSION
 CATEGORY: ERODIBILITY INDEX*
 QUALIFIERS: 1997 CULTIVATED CROPLAND, NONCULTIVATED CROPLAND, CONSERVATION RESERVE PROGRAM (CRP)
 REPORTING UNIT: AREA (ACRES IN THOUSANDS)
 GEOGRAPHIC UNIT: STATE OF MISSOURI

TABLE: ERODIBILITY INDEX FOR CROPLAND, 1997

EI	CULTIVATED CROPLAND	NONCULTIVATED CROPLAND	CRP
<= 0 < 2	3542.4	200.5	60.0
<= 2 < 5	2373.8	492.6	138.7
<= 5 < 8	1264.1	452.5	176.6
<= 8 < 10	500.7	173.0	63.4
<= 10 < 15	1083.3	477.2	285.7
<= 15	1752.2	1438.2	881.7
TOTAL	10517.2	3234.0	1606.1

* The erodibility index (EI) provides a numerical expression of the potential for a soil to erode, considering the physical and chemical properties of the soil and climatic conditions where it is occurs. The higher the index value, the greater the investment needed to maintain the sustainability of the soil resource base if intensively cropped. EI scores greater than 8 are equated to highly erodible land.

DATA SOURCE: NATIONAL RESOURCES INVENTORY (REVISED DECEMBER 2000)